



12-06-07

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): **BEDINGHAM et al.** Group Art Unit: **1743**  
Serial No.: **10/734,682** Examiner: **Jyoti Nagpaul**  
Confirmation No.: **1223**  
Filed: **12 December 2003** Docket No.: **59072US002**

Title: **SAMPLE MIXING ON A MICROFLUIDIC DEVICE**

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):

- ☒ An itemized return postcard.
- ☐ A Petition for Extension of Time for \_\_ month(s). Please charge Deposit Account No. 13-4895 in the amount of \$\_\_ for the required fee.
- ☐ An Information Disclosure Statement (\_\_ pgs); copies of \_\_ applications; 1449 forms (\_\_ pgs); and copies of \_\_ documents cited on the 1449 forms.
- ☐ A request for continued examination (RCE). Please charge Deposit Account No. 13-4895 in the amount of \$ 810, for the required filing fee.
- ☐ An Appeal Brief. Please charge Deposit Account No. 13-4895 in the amount of \$ 510, for the required Appeal Brief filing fee.
- ☐ A check in the amount of \$\_\_, for \_\_.
- ☐ A certified copy of a \_\_ application, Serial No. \_\_, filed \_\_\_\_, the right of priority of which is claimed under 35 U.S.C. §119.
- ☒ Other: Replacement Drawing page (page 4/4, with Figures 7 and 8) (1 pg).
- ☒ Amendment and Response (14 pgs).
- ☒ No Additional fee is required. \_\_ The fee has been calculated as shown:

Fee Calculation for Claims Pending After Amendment					
	Pending Claims after Amendment (1)	Claims Paid for Earlier (2)	Number of Additional Claims (1-2)	Cost per Additional Claim	Additional Fees Required
Total Claims				x \$50 =	
Independent Claims				x \$210 =	
One or More New Multiple Dependent Claims Presented? If Yes, Add \$370 Here→					
Total Additional Claim Fees Required					

Please consider this a **PETITION FOR EXTENSION OF TIME** for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895. Triplicate copies of this sheet are enclosed.

MUETING, RAASCH & GEBHARDT, P.A.

By: *Christopher D. Gram*  
Name: **Christopher D. Gram**  
Reg. No.: **43,643**  
Direct Dial: **612-305-0412**  
Facsimile: **612-305-1228**

**CERTIFICATE UNDER 37 CFR §1.10:**

"Express Mail" mailing label number: EV 201 878 237 US Date of Deposit: December 5, 2007  
I hereby certify that the Transmittal Letter and the paper(s) and/or fee(s), as described hereinabove, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to: **Mail Stop Amendment**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: *Rachel Ogilvie* Name: *Rachel Ogilvie*  
(LARGE ENTITY TRANSMITTAL UNDER RULE 1.10)

**Amendment and Response**

Serial No.: 10/734,682

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**ATTACHMENT - REPLACEMENT SHEET**

**Serial No.: 10/734,682**

**Docket No.: 59072US002**

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Pursuant to 37 C.F.R. § 1.121(d), attached is a Figure 7 and amended Figure 8, labeled "Replacement Sheet," which replaces the Figure 7 and the Figure 8 in the present application.